UNITED STATES SAYLE HALL QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-POWDER RIVER CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°07′30″ 45°07′30″ 19 23 24 19 21 22 25 30 29 28 27 26 30 33 31 35 32 31 T. 8 S T. 9 S. r. 9 S. 12 17 14 21 23 22 24 25 45°00′ 106°00′ (CABIN CREEK NE) 4773 I NE R. 46 E. R. 47 E. Compiled in 1977 Base map from U.S. Geological Survey, 1972 SCALE 1:24 000 MONTANA UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

## COAL RESOURCE OCCURRENCE MAP OF THE SAYLE HALL QUADRANGLE, POWDER RIVER COUNTY, MONTANA BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

QUADRANGLE LOCATION

**OPEN FILE REPORT 79-790** PLATE 7 OF 46

OPEN-FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

**EXPLANATION** 

ISOPACHS OF THE COAL BED-Showing thickness, in feet. Dashed where projected beyond boundary of coal.

Isopach interval 1 foot.

4160 -STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Contour interval 10 feet ( 3.1 m). Datum is mean sea

4150 ----

5.5+ 4176 \_\_\_\_\_\_

BOUNDARY OF COAL DEPOSIT-Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet. Plus (+) sign after number indicates incomplete measurement.

To convert feet to meters, multiply feet by 0.3048.